



EV182656558

#23/12-20-02
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Serial No. 09/332,271
Filing Date June 11, 1999
Inventor Klaus Florian Schuegraf et al.
Assignee Micron Technology, Inc.
Group Art Unit 2812
Examiner Ron E. Pompey
Attorney's Docket No. MI22-532
Title: Methods for Forming Wordlines, Transistor Gates, and Conductive Interconnects,
and Wordline, Transistor Gate, and Conductive Interconnect Structures

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

References -- See Attached Form PTO-1449

The attached form PTO-1449 is submitted in compliance with 37 CFR §1.56. No admission is made regarding whether any of the submitted references is prior art. Copies of the references are attached.

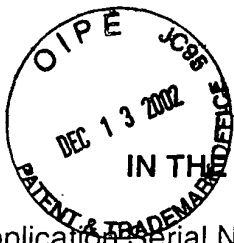
Respectfully Submitted:

Dated: _____

12-13-02

D. Brent Kenady
Reg. No. 40,045

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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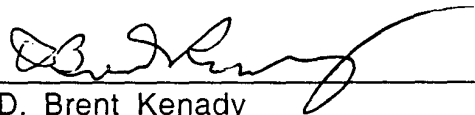
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

References -- See Attached Form PTO-1449

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Respectfully Submitted:

Dated: 5-6-02


D. Brent Kenady
Reg. No. 40,045

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EV026157368

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Serial No. 09/332,271
Filing Date June 11, 1999
Inventor Klaus Florian Schuegraf et al.
Assignee Micron Technology, Inc.
Group Art Unit 2812
Examiner Ron E. Pompey
Attorney's Docket No. MI22-532
Title: Methods for Forming Wordlines, Transistor Gates, and Conductive Interconnects,
and Wordline, Transistor Gate, and Conductive Interconnect Structures

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

References -- See Attached Form PTO-1449

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Respectfully Submitted:

Dated: 3-13-02

D. Brent Kenady
Reg. No. 40,045

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EL 844055557 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Serial No. 09/322,271
Filing Date June 11, 1999
Inventor Klaus Florian Schuegraf et al.
Assignee Micron Technology, Inc.
Group Art Unit 2812
Examiner Ron E. Pompey
Attorney's Docket No. MI22-532
Title: Methods for Forming Wordlines, Transistor Gates, and Conductive Interconnects,
and Wordline, Transistor Gate, and Conductive Interconnect Structures


SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

References -- See Attached Form PTO-1449

The attached form PTO-1449 is submitted in compliance with 37 CFR §1.56. No admission is made regarding whether any of the submitted references is prior art. Copies of the references are attached.

Respectfully Submitted:

Dated: 2-7-02


D. Brent Kenady
Reg. No. 40,045

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EL355818248

Inventor: Klaus Florian Schuegraf et al.

Title: Methods For Forming Wordlines, Transistor Gates, And Conductive
Interconnects, And Wordline, Transistor Gate, and Conductive
Interconnect Structures

Assignee: Micron Technology, Inc.

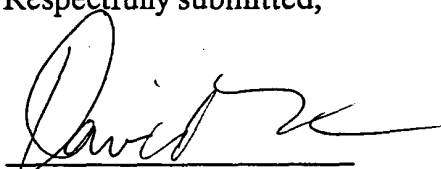
INFORMATION DISCLOSURE STATEMENT

The Examiner's attention is directed to the references listed on the attached
Form PTO-1449 and copies of which are attached.

Citation of these references are respectfully requested.

Respectfully submitted,

Date: 6/11/99

Attorney: 
David G. Latwesen, Ph.D.
Reg. No. 38,533

Date: _____

Inventor: _____
Klaus Florian Schuegraf

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Date: 5/24/99

Inventor: Randhir P. S. Thakur
Randhir P. S. Thakur

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Form PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.
MI22-532

SERIAL NO.
09/332,271

APPLICANT
Klaus Florian Schuegraf

FILING DATE
June 11, 1999

GROUP
2812

LIST OF REFERENCES CITED BY APPLICANT
(several sheets if necessary)

U.S. PATENT DOCUMENTS

*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
AA	5,472,896	12 95	Chen et al.	437	44	
AB	5,393,685	02 95	Yoo et al.	437	44	
AC	4,833,099	05 89	Woo	437	41	
AD	5,915,197	06 99	Yamanaka et al.	438	586	
AE						
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FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
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AM							
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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)

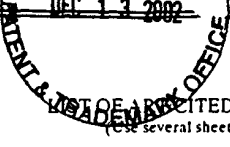
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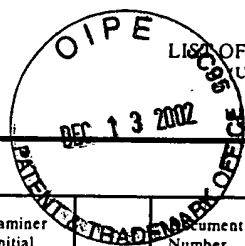
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Form PTO-1449				ATTY. DOCKET NO. MI22-532		SERIAL NO. 09/332,271		
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF ARTS CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Klaus Florian Schuegraf				
				FILING DATE June 11, 1999		GROUP 2812		
U.S. PATENT DOCUMENTS								
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
	AA	4,354,309	10/1982	Gardiner et al.				
	AB	4,559,091	12/1985	Allen et al.	148	174		
	AC	4,886,765	12/1989	Chen et al.	437	200		
	AD	5,192,708	03/1993	Beyer et al.	437	90		
	AE	5,393,676	02/1995	Anjum et al.	437	24		
	AF	5,712,181	01/1998	Byun et al.	437	46		
	AG	5,798,296	08/1998	Fazan et al.	438	592		
	AH	5,811,343	09/1998	Wann et al.	438	305		
	AI	5,985,720	11/1999	Saitoh	438	266		
	AJ	6,040,238	03/2000	Yang et al.	438	592		
	AK	5,164,333	11/1992	Schwalke et al.	437	200		
	AL							
FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	AM	JP 02265248 A	04/1989	Japan - Kuriyama, Hiroko				
	AN							
	AO							
	AP							
	AQ							
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)								
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EXAMINER				DATE CONSIDERED				
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PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
MI22-532SERIAL NO.
09/332.271LIST OF ART CITED BY APPLICANT
(Use several sheets if necessary)APPLICANT
Klaus Florian SchuegrafFILING DATE
June 11, 1999GROUP
2812

U.S. PATENT DOCUMENTS

*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	AA 5,350,698	09/1994	Huang et al.	437	26	
	AB 5,441,904	08/1995	Kim et al.	437	40	
	AC 5,481,128	01/1996	Hong	257	320	
	AD 6,060,741	05/2000	Huang	257	315	
	AE 6,208,004 B1	03/2001	Cunningham	257	413	
	AF 6,239,458 B1	05/2001	Liaw et al.	257	296	
	AG 5,767,004	06/98	Balasubramanian et al.			
	AH 5,840,607	11/98	Yeh et al.			
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FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
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	AM						
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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)

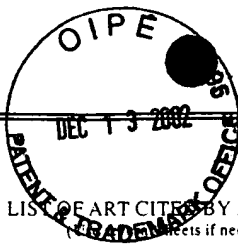
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Sheet 1 of 1

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PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
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09/332,271LIST OF ART CITIES BY APPLICANT
(Indicate if necessary)APPLICANT
Klaus Florian SchuegrafFILING DATE
June 11, 1999GROUP
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U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	AA	6,130,145	10/2000	Ilg et al.	438	592	
	AB	5,818,092	10/1998	Bai et al.	257	388	
	AC	6,262,458 B1	07/2001	Hu	257	384	
	AD	5,986,312	11/1999	Kuroda	257	382	
	AE	5,723,893	03/1998	Yu et al.	257	413	
	AF	5,710,454	01/1998	Wu	257	413	
	AG	5,650,648	07/1997	Kapoor	257	316	
	AH	5,425,392	06/1995	Thakur et al.	437	173	
	AI	5,256,894	10/1993	Shino	257	388	
	AJ	5,053,351	10/1991	Fazan et al.	437	52	
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FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
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	AM							
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PATENT AND TRADEMARK OFFICEATTACHMENT NO.
MI22-532SERIAL NO.
UnknownLIST OF ART CITED BY APPLICANT
(Use several sheets if necessary)APPLICANT
Klaus Florian Schuegraf et al.FILING DATE
Filed herewithGROUP
Unknown

U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	AA	5,425,392	06/95	Thakur et al.			
	AB						
	AC						
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FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL							

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)

	AK		Taishi Kubota et al.; "The Effect of the Floating Gate/Tunnel SiO ₂ Interface on FLASH Memory Data Retention Reliability"; 1994; 2 pages					
	AL		Shoue Jen Wang et al.; "Effects of Poly Depletion on the Estimate of Thin Dielectric Lifetime"; IEEE Electron Device Letters, Vol. 12, No. 11, November 1991; pp. 617-619					
	AM		Klaus F. Schuegraf et al.; "Impact of Polysilicon Depletion in Thin Oxide MOS Technology"; 1993; pp. 86-88					
	AN		E. H. Snow et al.; "Polarization Phenomena and Other Properties of Phosphosilicate Glass Films on Silicon"; Journal of the Electrochemical Society, March 1966; pp. 263-269					

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